

Problem Statements

HIGHWAY

Mid-Currituck Bridge, TIP No. R-2576

Identified Problem

Existing US 158 and NC 12 are currently over capacity during the summer tourist season within Currituck County. The primary purpose of constructing the Mid-Currituck Bridge is to relieve congestion on the existing facilities and provide an additional connection between Currituck County Mainland and Currituck County Outer Banks. The project is currently in the 2009-2015 Transportation Improvement Program (TIP). For additional information about this project, including the Purpose and Need, contact NCDOT's Project Development and Environmental Analysis (PDEA).

US 158 Proposed improvements from Camden County to Mid-Currituck Bridge, TIP No. R-2574

Identified Problem

Existing US 158 is projected to be over capacity by 2035 from Camden County to NC 168. The primary purpose of improving US 158 is to relieve congestion on the existing facility such that a minimum of Level of Service (LOS) D can be achieved.

Justification of Need

US 158 is a major corridor in Currituck County, connecting the western part of the county, near Camden County and Elizabeth City with the southern region of the county as well as Dare County. US 158 is a vital artery in moving people and goods through North Carolina, connecting northern North Carolina and Virginia with the northern outer banks region of North Carolina.

US 158 is currently a 2-lane thoroughfare from the Camden County line to NC 168. US 158 is designated as an Expressway from Camden County to NC 168, based on the Strategic Highway Corridor (SHC) Vision Plan, in order to improve regional and statewide mobility and connectivity. From NC 168 to the proposed Mid-Currituck Bridge, US 158 is designated by the SHC Vision Plan as a Boulevard.

By 2035, the facility is projected to be over capacity from the Camden County line to NC 168, based on a capacity of LOS D. Traffic on this segment is projected to increase from about 8,000 vehicles per day (vpd) in 2009 to about 12,000 vpd in 2035, compared to a capacity of 9,600 vpd.

Community Vision and Problem History

Currently, US 158 is a 2-lane major thoroughfare from the Camden County line to NC 168. Residents who live in the area use this facility to access jobs and other amenities in the Elizabeth City area. This facility is heavily used by tourists travelling from North Carolina and Virginia to the Outer Banks.